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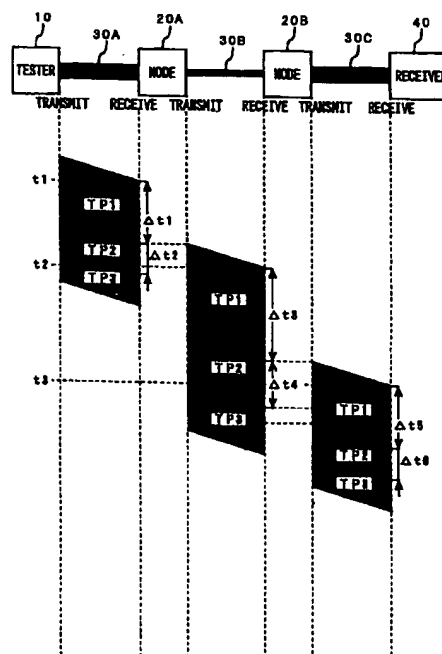
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Tokyo (JP)

## (54) Band width measuring method and apparatus for a packet switching network

(57) The invention provides a bandwidth measuring method and apparatus for a packet switching network in which a bandwidth of a link that is distant from a tester that transmits test packets, specifically a bandwidth distant beyond a bottleneck, can be measured. A feature of the present invention is to that, a bandwidth measuring method for a packet switching network in which a bandwidth of a packet switching network comprising a plurality of nodes for packet switching connected mutually is measured, said method comprising a procedure in which a plurality of test packets which at least include two test packets having different packet length are fed to the packet switching network so that in said two test packet, the test packet having a long packet length and the test packet having a short packet length are successive in this order, and a procedure in which a receiver receiving each test packet determines an immediately former bandwidth based on the difference in the reception completion timing thereof.

Fig. 1



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# EUROPEAN SEARCH REPORT

Application Number  
EP 00 10 8041

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A	* page 236, Section II.C * * pages 238-239, Section IV.B * * pages 239-240, Section IV.D *	3	
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			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			H04L
The present search report has been drawn up for all claims			
Place of search <b>THE HAGUE</b>		Date of completion of the search <b>20 December 2000</b>	Examiner <b>Bertolissi, E</b>
<p><b>CATEGORY OF CITED DOCUMENTS</b></p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons A : member of the same patent family, corresponding document</p>			

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# EUROPEAN SEARCH REPORT

Application Number  
EP 00 10 8041

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The present search report has been drawn up for all claims			
Place of search <b>THE HAGUE</b>		Date of completion of the search <b>20 December 2000</b>	Examiner <b>Bertolissi, E</b>
<p><b>CATEGORY OF CITED DOCUMENTS</b></p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons &amp; : member of the same patent family, corresponding document</p>			

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**ANNEX TO THE EUROPEAN SEARCH REPORT  
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